

ILLINOIS HIGHWAY INFORMATION SYSTEM

ROADWAY INFORMATION AND PROCEDURE MANUAL

ITEM NAME HORIZONTAL CURVE RADIUS					ITEM NO. 81A
					PAGE 1 of 2
ENTERED BY	STATE	NON- STATE	HPMS	MUNI	EFFECTIVE DATE
District Program Development	YES	OPT	NA	NA	
UPDATE REPORTS	UPDATE SCREENS				INQUIRY SCREENS
(13) Physical Char-Alignment	(13) Physical Char-Alignment				(63) Physical Char-Alignment

DESCRIPTION AND PURPOSE OF ITEM

This item indicates the radius (in feet) of a deficient horizontal curve. It is the radius of the curve arc or, in the case of a compound curve, the arc which best describes the compound curve. Only those horizontal curves on non-FAI state system routes, not within a municipality, having a radius of 2291.83 feet or less will be required to be reported. This criteria is based on the 70 MPH desirable design standard for stopping sight distance.

This information is used for special purpose alignment studies and to relate traffic accidents with horizontal curve data.

This item can be obtained from construction plans or, if plans are unavailable, field review. If in question, contact the district Bureau of Program Development.

Note: This item is collected for new or reconstructed routes only.

CODE AND SCREEN ENTRY INSTRUCTIONS

A 6-digit number, right justified.

Enter the radius to the nearest foot, filling blank spaces with zeros.

<u>Example</u>	<u>Radius</u>
018000	18,000 ft
001400	1,400 ft
000600	600 ft
000000	(Remove Curve)

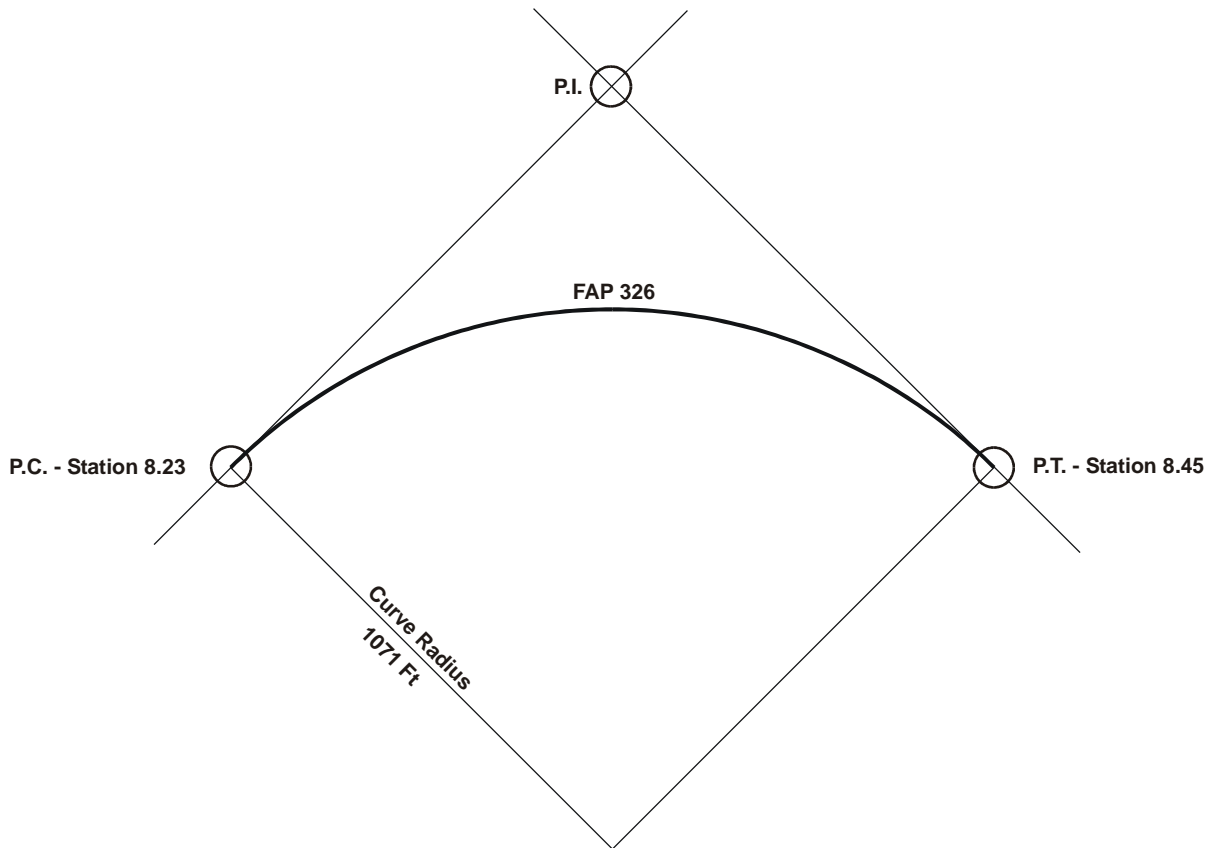
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ITEM NO. **81A**

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Example

001071
008.23
008.45
R

Description

Horizontal Curve Radius (Item 81A)
Horizontal Curve PC (Item 82A)
Horizontal Curve PT (Item 82B)
Horizontal Curve Direction (Item 83)